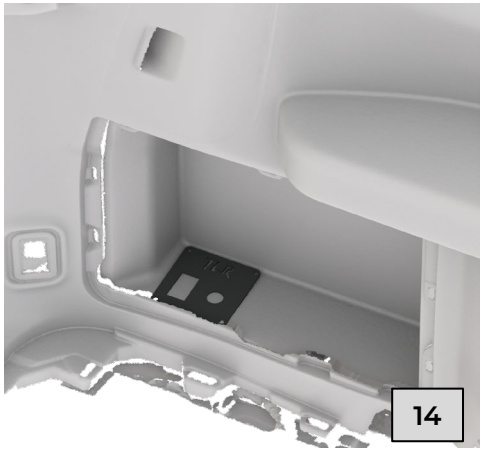
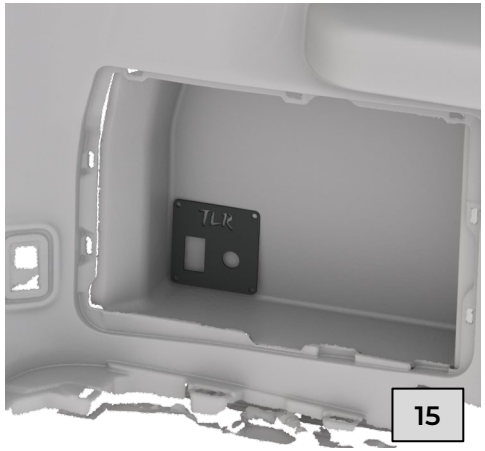
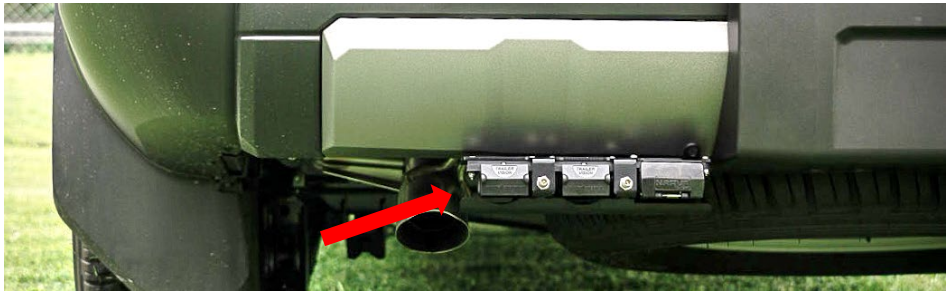



25. Reinstall the interior trim panel, ensuring to reconnect the electrical wiring and plumbing before clipping back into home position.
26. Re-fit all Interior trim components.
27. Re-fit wheel arch inner guard and spare wheel, ensure to confirm adequate clearance on the compressor, plumbing and wiring to complete the installation.



Alternate Coupling location

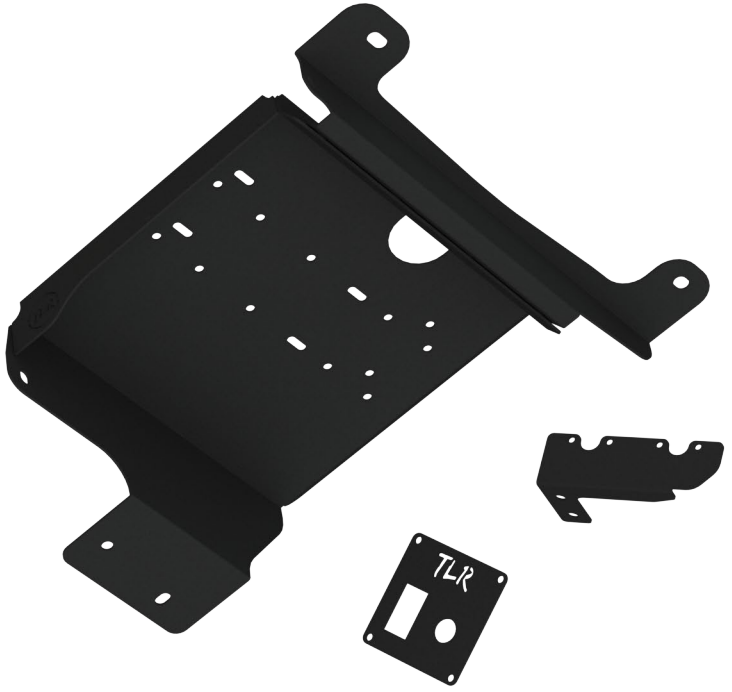
TLR Products has designed a vehicle specific multi trailer plug mounting bracket (TLR712102) to suit the 250 series “shown below”. The ARB air coupling can be fitted to this mounting bracket with the use of the TLR products adapter plate (TLR710007) to provide an alternate coupling mounting location external of the vehicle.

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# AIR COMPRESSOR BRACKET UNDERBODY

TLR682105




SUITED TO:

**TOYOTA PRADO 250 SERIES**

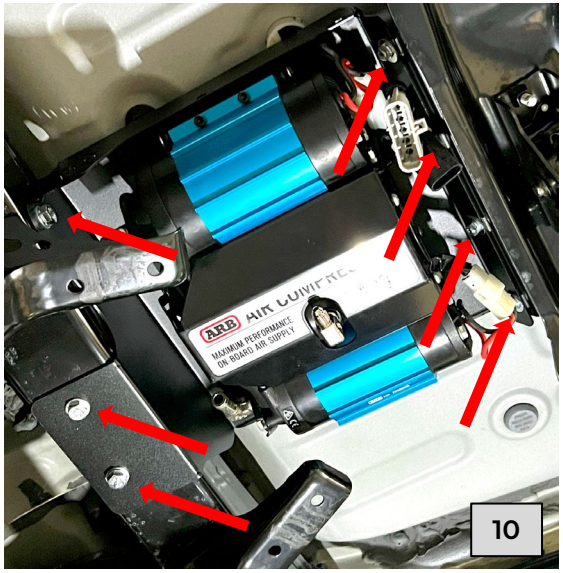
| FITTING KIT | |
|---|---|
| **QUANTITY** | **PART** |
| 1 | TLR682105-1 Main Compressor Mounting Bracket |
| 1 | TLR682105-2 Cross-Member Mounting Bracket |
| 1 | TLR682105-3 Filter Relocation Bracket |
| 1 | TLR682105-4 Switch / Coupling Facia Plate |
| 4 | M8 x 20mm Hex Head Bolt ZP |
| 1 | M8 x 100mm Hex Head Bolt ZP |
| 4 | M8 Spring Washer ZP |
| 6 | M8 x 20 Flat Washer ZP |
| 1 | M8 Nyloc Nut ZP |
| 4 | M6 x 20mm Hex Head Bolt ZP |
| 4 | M6 Speed Nut Short SS |
| 4 | M6 x 19mm Flat Washer ZP |
| 4 | M6 Spring Washer ZP |
| 4 | M5 x 12 Button-Head Socket Screw SS |
| 4 | M5 Nyloc Nut SS |
| 4 | M4 x 16mm Pan Phillips Head Bolt SS |
| 4 | M4 Nyloc Nut SS |
| 1 | JIC4(M) – ¼ NPT(M) Elbow #0740110 |
| 2 | ARB Filter Relocation Fittings (2PK) |
| 4 | MH6 Hose Clamp |
| 2 | ½" Rubber Hose x 1500mm Long |
| 4 | 300mm Cable Ties |

Other components required for fitment:
ARB Air coupling (0740111), ARB JIC-04 Elbow (0740104) ,ARB hose reinforced JIC-4 2 metres (0740205), ARB Pump Up Kit (171302V2),ARB Compressor of Choice.



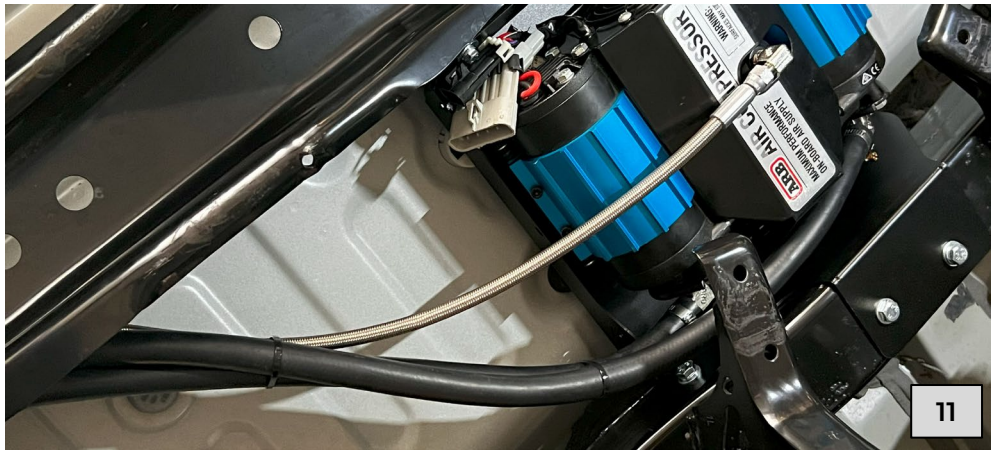

18. If fitting the air coupling within the vehicle proceed with next steps, if mounting in an alternate location, complete all wiring and plumbing and skip to step 27.
19. To get access to the inner guard from the inside of the vehicle, remove the rear left interior trim panel, this is done by removing the 3x M6 Bolts shown via arrows in photo 13.
20. Remove the rear and left-hand side interior floor trim panels to expose the lower section of the side interior trim panel, then remove door seals from around left-hand rear door and boot area and remove trim panel by releasing the retaining clips located around the edges of the panel.
21. Run the braided air hose and switch wiring down through the large wiring grommet in the inner guard, and route through and connect to the air compressor located underneath.
22. Select a suitable position inside the storage compartment for the switch and coupling face plate (See photo 14 and 15 for examples.
23. Use the TLR faceplate as a template, mark out and neatly cut and drill all required holes.
24. Install the faceplate to the trim panel by using the M5 Bolt, Washers and nyloc nuts supplied.

15. As per photo's 10 and 11, lift compressor bracket into position and loosely fit 4x M6 bolts and washers to the speed nuts along the rear of bracket, then install 1x M8 x 20mm bolt and washer to the OEM mounting hole to hold the mount in place.
16. Now install the M8 x 20mm bolt, Washer and spring washer into the captive nut and M8 x 100mm Bolt and Nyloc nut up through the bottom of the crossmember tighten all hardware to secure mounting bracket in place.



10

17. Connect previously run breather hoses to the fittings on the compressor using the MH6 hose clamps supplied as per Photo 11. NOTE: you may need to trim the length of the hose to a more suitable length.



11

## PRE-INSTALLATION

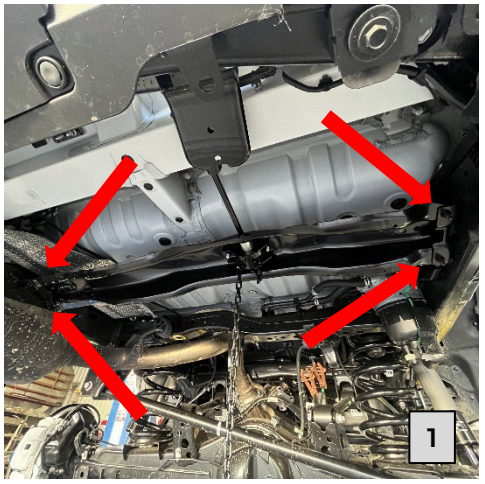
Read through this installation guide before proceeding

Fitting time is approx. 60 minxutes.

Tools: Basic spanner and socket set, Drill-bit set, and body saw.

## FITTING INSTRUCTIONS

1. Remove spare wheel from under the rear of the vehicle.
2. Remove spare wheel cross member, this is done by removing the 2 bolts on either side shown in photo 1. After removing all 4 mounting bolts lift the crossmember towards the front of the vehicle to remove.


1


2

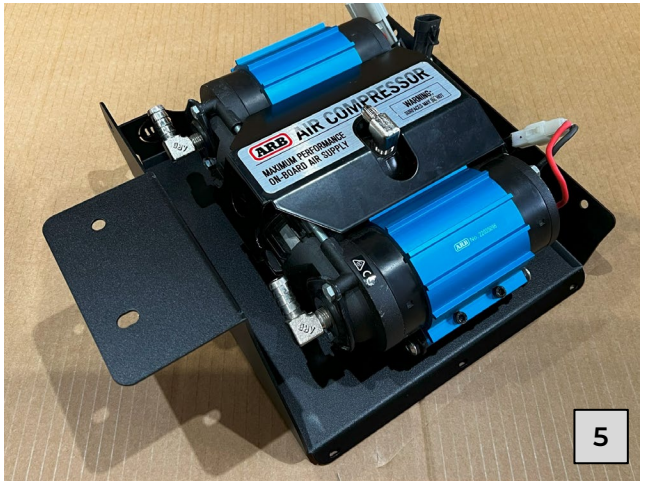
3. Install 4 x M6 speed nuts to crossmember mounting bracket as per photo 2.
4. Fit the cross-member bracket to the cross-member using 2 x M8 bolts as per photo 3.
5. Re-fit the spare wheel cross-member into place.


3

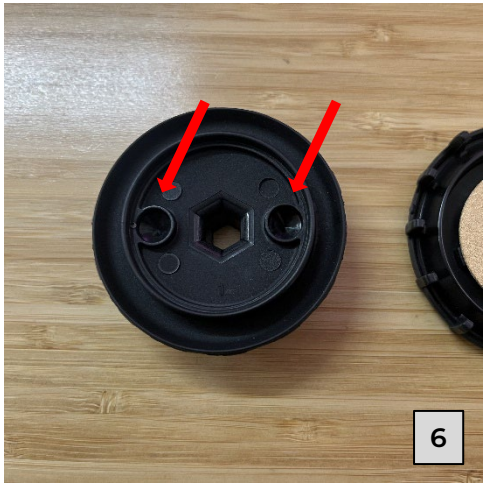
6. Mount the compressor to the mounting bracket and orientate as per photo 4 and 5. NOTE: If installing the new Brushless Compressor, ensure to orientate the bolts in the correct alignment to ensure clearance on the body work
7. If your compressor already has the intake filters fitted, remove these from the compressor and set aside.
8. Fit the ARB ¼ BSP (Male) – ½ inch elbow fitting to the air compressor intake as per photo 4 and 5.
9. Fit the air intake filters to the relocation bracket. This is done by removing the front cover from the filter housing to access the mounting holes. refer to photo 6 for example.
10. Drill the mounting holes out to M4 clearance and fit both the air filter housings to the relocation bracket using the M4 bolts and nyloc nuts supplied and assemble as per Photo 7.
11. Remove rear left wheel arch inner guard by removing the Rear Mudflap and inner guard retaining screws, and lining clips.
12. Remove the 2x M8 OE mounting bolts in the filler neck assembly and use to install the filter relocation assembly as per photo 8.
13. Install the 2x ½" Rubber hose lengths to the filter outlet fittings using 2 of the MH6 hose-clamps supplied and route down to the compressor location along the crossmember. See Photo 8. NOTE: use cable ties to secure hoses to crossmember over exhaust area.



4



5


6


7


8

14. Install the JIC4(M) – 1/4 NPT (M) elbow to compressor outlet as per photo 5. NOTE: It is essential to use this fitting *to create the required clearance once the spare wheel is back in place.*